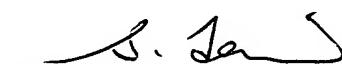


FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 07-2004)		ATTORNEY'S DOCKET NUMBER 2002JP311
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/519242 NOT ASSIGNED
INTERNATIONAL APPLICATION NO. PCT/JP03/08087	INTERNATIONAL FILING DATE June 26, 2003	PRIORITY DATE CLAIMED July 4, 2002
TITLE OF INVENTION COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN		
APPLICANT(S) FOR DO/EO/US Yasushi AKIYAMA, Yusuke TAKANO		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. <u>EV 540353282 US</u> 23. <input checked="" type="checkbox"/> Other items or information: 		
Form PCT/IB/301 Form PCT/IB/304 Form PCT/IB/308		WO 2004/006023 A1

U.S. APPLICATION NO (if known, see 37 CFR 1.65) NOT ASSIGNED	INTERNATIONAL APPLICATION NO. PCT/JP03/08087	ATTORNEY'S DOCKET NUMBER 2002JP311		
24. The following fees are submitted:.		CALCULATIONS PTO USE ONLY		
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :				
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1110.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$750.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00				
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$1,000.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$0.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	6 - 20 =	0	x \$18.00	\$0.00
Independent claims	1 - 3 =	0	x \$88.00	\$0.00
Multiple Dependent Claims (check if applicable).		<input type="checkbox"/>		\$0.00
TOTAL OF ABOVE CALCULATIONS =		\$1,000.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$0.00
		SUBTOTAL =	\$1,000.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+		\$0.00
TOTAL NATIONAL FEE =		\$1,000.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		<input type="checkbox"/>		\$0.00
TOTAL FEES ENCLOSED =		\$1,000.00		
		Amount to be: refunded	\$	
		charged	\$	
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.				
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>503309</u> in the amount of <u>\$1,000.00</u> to cover the above fees.				
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-3309</u>				
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO:				
 SANGYA JAIN AZ ELECTRONIC MATERIALS USA CORP. 70 MEISTER AVENUE SOMERVILLE, NJ 08876				
SANGYA JAIN NAME 38,504 REGISTRATION NUMBER December 22, 2004 DATE				
Customer No. 26,289				

10/519242

DT15 Rec'd PCT/PTO 22 DEC 2004

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Yasushi AKIYAMA, Yusuke TAKANO

Docket No.

2002JP311

Application No. NOT ASSIGNED	Filing Date December 22, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN

I hereby certify that the following correspondence:

Form PCT/IB/301 for PCT/JP03/08087 - 2 Pages

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 22, 2004

(Date)

MARIA T. SANCHEZ

(Typed or Printed Name of Person Mailing Correspondence)

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10/519242

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

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Applicant(s): Yasushi AKIYAMA, Yusuke TAKANO

2002JP311

Application No.
NOT ASSIGNEDFiling Date
December 22, 2004Examiner
NOT ASSIGNEDCustomer No.
26,289Group Art Unit
NOT ASSIGNED

Invention: COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN

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International Search Report (Form PCT/IB/210) for PCT/JP03/08087 - 3 Pages

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10/519242

DT15 Rec'd 8:57 AM 22 DEC 2004

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Docket No.

Applicant(s): Yasushi AKIYAMA, Yusuke TAKANO

2002JP311

Application No. NOT ASSIGNED	Filing Date December 22, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN

I hereby certify that the following correspondence:

Patent Application - 26 Pages

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MARIA T. SANCHEZ

(Typed or Printed Name of Person Mailing Correspondence)



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10/519242
DT15 Rec'd PCT/PTO 22 DEC 2004

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No. 2002JP311	
Applicant(s): Yasushi AKIYAMA, Yusuke TAKANO				
Application No. NOT ASSIGNED	Filing Date December 22, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
Invention: COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN				
I hereby certify that the following correspondence:				
Transmittal Letter - 2 Pages				
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<u>December 22, 2004</u> <i>(Date)</i>				
MARIA T. SANCHEZ <i>(Typed or Printed Name of Person Mailing Correspondence)</i>				
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Applicant(s): Yasushi AKIYAMA, Yusuke TAKANO

Docket No.

2002JP311

Application No. NOT ASSIGNED	Filing Date December 22, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
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Invention: COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN

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WO 2004/006023 A1 - 1 Page

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Applicant(s): Yasushi AKIYAMA, Yusuke TAKANO

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Application No.
NOT ASSIGNEDFiling Date
December 22, 2004Examiner
NOT ASSIGNEDCustomer No.
26,289Group Art Unit
NOT ASSIGNED

Invention: COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Yasushi AKIYAMA, Yusuke TAKANO**

Docket No.

2002JP311

Application No.
NOT ASSIGNEDFiling Date
December 22, 2004Examiner
NOT ASSIGNEDCustomer No.
26,289Group Art Unit
NOT ASSIGNEDInvention: **COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN**

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Declaration For Utility Or Design Patent Application - 2 Pages*(Identify type of correspondence)*

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December 22, 2004*(Date)***MARIA T. SANCHEZ***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV 540353282 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**